Collection no. 167

K. H. L. Key, J. Balderson

GLAMIS

DUPLICATE

CARBON BOOK

(Octavo Size)

New Guinea

100 Leaves in Duplicate

NUMBERED

Flexiflat

THERMO–PLASTIC BOUND

Collection no. 167

New Guinea

1

K. H. L. Key & J. Balderson

16. viii – 1. ix. 1970

16/8 Port Moresby. Collect. from
Austracris procaima, A. guttulosa, Valanga
(within town) Stenopelmen
irregularis, Stenocatantops angustifrons,
Oxycrops. A broad coarse-grass
(E. pedunculata) Heteropternis obscurella, Holopus
etc. to 15ft with dense grass to
Halasinus, Atractomorpha similis
3ft, some broken down vegetation. Scattered shrubs to 3ft
in places. Grass mainly quite dry
but green in seepage places, more
there with a few forbs. A. guttulosa abundant,
mainly in dense tall grass with
Heteropternis on short grass at
seepage spots & roadsides. Atractomorpha
ditto but on forbs. Valanga on shrubs.

Acrida
17/8 Collect. around University, Port
Holopus Halasinus, Atractomorpha similis,
with E. camporstoria & E. alba on
pale grey friable soil. Grass-patch
mostly mown to 6in. Scattered forb-
patches dry, but grassy
small gutter.

18/8 Behind shrubbery, [illegible]

Desmopterella sp., Stenocentrotops
augustifrons, Atractomorpha similis (♂)
low in 2ft at base of stop tall.
Desmopterella (also nymphs) among
dead leaves from Casuarina equiseti-
folia + other non-eucalypt trees.
Austrocnemis gutturosa, Valanga sp.,
Diclopus thalassinus.
[N.B. In all collecting around Port
Moresby A. gutturosa was abundant
as adults in long grass; no nymphs
Valanga sp. was rare; most adults
being old + worn (one teneral), + a
few nymphs of Valanga or A. ?proxima
about. Heteropternis + Diclopus
present as both adults + nymphs.
also Atractomorpha + Desmopterella.
Stenocentrotops angustifrons
abundant, especially where forb-
present; no nymphs.]
19/c (1) Roman's country.
woodlands of E. confertiflora + allies

Eastmargus nuaicus, Desmopterella sp.,
moth, lower grass to 2ft (dry)
Atractomorpha similis
the same cleared burnt ground to
bush; Eastmargus sp. last; Stenocatantops
sp. nitripennis + Acrotrachelus
in forest.

(2) Margin of rainforest of Pioneer road
Rectitropis sp. Heteropternis obscurella,
plantation on road to Brown River
Desmopterella sp., Hedotettix amplus
bare dead ground, margins by
grasses to 18in, + edge of forest with
fallen leaves + regrowth. Stenocatantops

(3) Brown River primary spoil, rainforest
+ forbs Desmopterella sp., Rectitropis sp.,
grass following clearing of it also
Oxya fuscovittata, Heteropternis obscurella,
mixed grass under rainforest
Atractomorpha similis, + Stenocatantops
remainder + damp patch margining
angustifrons, S. nitripennis, Austracris
a pool 30ft across + the river
proxima, Paratettix histricus, Eucriotettix sp.,
Tetrigids on damp ground
Locustana sp., Hedotettix amplus, H. holidai
among fallen leaves. Heteropternis in
grass along road. Agraecina in
outside toilet.

30/8

29087.2. Brown R. - Dagura forest.

Stenocatantops angustifrons.

102.6. Ramna falls bank. ext.
to 2ft. Anotracris proxima.
papuana, Cycas & grass to 2ft.
Heteropternis obscurella
[illegible]

104.3. Ramna P.O.
Eastrimargus musicus. 1600–1700ft.

109.8 Ray Straat main [illegible]
Dismopterella sp. Pictobropis sp. Oedaleus gavisa,
Oxya), fringing rainforest [illegible]
Anotracris proxima, Stenocatantops angustifrons
[illegible] Acrotomorpha similis

111.8. Darwari school. Fired
6ft.

117.7 End of [illegible]

Eagere Plateau. Return

118.9. E. tenuicornis to 6ft E. papuana to
Acrida conica, Eastrimargus musicus.
2 ft on hilly country of plateau
Stenocatantops dentata Titripennis.
to 2ft, Conocoryphe to 6ft. Cyc. pallida.
Heteropternis obscurella
[illegible]

[illegible]

117.9 E. tenuicornis to 50ft
to 3 ft on hilly country with

Acrida conica (fl). Gastrimargus musicus
to 1ft. Tetrix sp. to 1ft. Conocephalus
Heteropternis obscurella, Rectitropis sp.,
to 1ft, occ. Acrotylus sp.
Xiphidium similis
patches of fallen bracken + boundary of
creek + bracken.

29122.4. Stream and forest
Dicmopterella sp. Rectitropis sp.
hilly country with red-brown patches
soil. Regrowth of various kinds
open stand. with Eucalypts + other
species to 25ft. forbs + dry grass. Tussocks

1227. Savannah ridge.

22/8

29231.2 Komodobu P.O.

234.2 Tatana causeway

2375. Tatana to Adlers Bay.

244.8 Adlers Bay, primary area. Narrow
Austracris guttulosa, A. proxima.
flat between beach with shrubs + small
Stenocatantops angustifrons
trees + Pandanus to 15ft, grass (mainly
Themeda) of varying density to 3ft, some
forbs + ferns. Leading to stony hill
slope with E. pellita + open
to 15ft + dense Themeda. Return.

2481. Undulations with Le gl stones.
Austraeris guttulosa, A. proxima,
& confertiflora & A. alba to 20ft x occ.
Stenocatantops intrapennis
woodland with occ. Melaleuca sp. to
15ft & Melaleuca regrowth to 2ft. Ground
fairly dense Themeda to 2ft., in places
somewhat open. No forbs.

2480. Turned left on hard line road.

2337. Black soil (self-mulching) flat.
Austraeris guttulosa, Stenocatantops
bordered by occ. occ. woodland & Eucs.
vitripennis
with a shallow watercourse bordered
by shrubby/small trees (remnant of
Callitris forest). Themeda rather grassy
dense to 3-4ft.

2460. Margin of saline flat bordered
Austraeris guttulosa, Stenocatantops
marginatus, Acrotylus
angustifrons, Aiolopus thalassinus,
Perbrinia to 6in with some low samphire
Heteropternis obscurella
to 6in, bordered by Themeda rather occ.
to 18in & occ. Pandanus. Ketones

2313 Kokoda Airport

2296.2 Turned left at fork.

2289 Turned right on Rigo

2954 Turn off to left.

2955 Turn round.

2971 Entrance to Riparia grassland
Anastacris proxima, Stenocatantops
angustifrons, Aiolopus thalassinus
to 12ft, [illegible] to 8ft, bordering
to L.H. Narrow flat leading to steep slope

2977 Back on road. Turn left R.H.

2991 Entrance to Riparia
Oxya gavisa, Desmopterella sp., Stenocatantops
angustifrons, S. picipennis, Hebotettix amplus,
Euchorthippus sp.
[illegible] gentle slope.
[NB. The above route is not the normal
one to the Rejo road.]

2996

3031.2 Acrida willemsei [illegible] to left
to 3ft down, with dist. riparia along
margin of gallery forest along small
creek. A. gavisa, A. proxima. Also Ruspolia
differens to 3ft among E. conferta. Also
Oxya to 2oft on flat plain with dark

grey soil.

032.3. Tunnel right
Stenocatantops vitripennis, S. angustifrons,
Cyrtacanthacris [illegible] Pr. E.
Austracris procera, Desmopterella sp.,
+E. alba to 50ft in large living area
Eucriotettix sp. Copera to 3ft
with Pantacanthus to 15ft & grasses to 4ft
a fusiform shrubs & forbs, bordering
Acacia dense to 3ft. A. gutt. & Eulip
Black alluvial soil on basalt
at depth.

032.9. Unnamed (no stock on this leg).

033.5. Kalokiri on Bronwin road.

033.8. Transformation [illegible] stallons
Eastromarginis nuricus (♀), Attractomorpha
[illegible] Kalokiri on [illegible]
similis, Acrida sp. (♂), Stenocatantops
a small amount of water on the
vitripennis, S. angustifrons, Heteropternis
in a [illegible] area 2 miles, Eucriotettix
obscurella, Acrida to 2–3ft, Conica (♂), Hedotettix
dense [illegible] & patchy, [illegible]
amplus, H. bolivari, Locustana sp., Eucriotettix spp.
[illegible] to 1½in & scattered to
(10 to 2), Pantacanthus histrionus, Tuparatettix sp., Austracris
Tetrigids except from mud. Collected
procera
also [illegible]

polycarpa

25/8 [illegible] E. [illegible] E. [illegible]
[illegible] Eucriotettix sp., [illegible]

Stenocatantops angustifrons, S. vitripennis,
[illegible] Paratettix [illegible]
Austracris [illegible], gutulosa, Rectitropis sp.
swamp in places. Impressa & Allo,
Oxya gavisa, Atractomorpha similis, Acrida
conica grasses to 3-4 ft. Orc. ishi to,
conica, Heteropternis obscurella, Desmopterella
& nigrepenis. Also margin of patch of
sp., Paratettix histricus, P. femoralis
tamsoni with orc. pass & Conoc. [illegible]
femoral Desmopterella here, also most of
Rectitropis).
Morning:
26/5 Collected in communities of [illegible]
Acrida conica, Conica vocans,
types 1, 3, 4 & 5, with up 1-2 [illegible]
Stenocatantops angustifrons, S. vitripennis,
Regulated patrol post with attack
Calidia captiva, Calidid sp. 1, Heteropternis
discoplana & ingelatica types. Rare
obscurella, Oxya gavisa, O. sp. 1, Rectitropis sp.
Very little marked difference in
Atractomorpha similis, Trigonophoneta tamsoni (j),
in the distribution of grasshoppers
Macrotona sp. 2 (j.), Paratettix femoralis
appears related to the gelatinia
Conica was associated with all
communities except 5, Stenocatantops
vitripennis with all, Oxya, Rectitropis
& S. angustifrons mainly with 1 &
3, Calidia spp., Heteropternis, &
Atractomorpha with short grass vegetation
road. The nymph of Macrotona sp.

Erythrospermala 10

dentata

glauca

glauca

ovinacea, nord

dentata

30/6. (3) Ca. 5 mi. on NE. road out of Morehead.
Roadside margin to rainforest.

Port Moresby.
"

CTB 3795/68

FROM: PULLEN OUR REF. DATE 10 Dec.69

TO: UPTON YOUR REF. DATED

SUBJECT: Morehead- Weam area. Trans-Fly.PAPUA

Vegetation types in immediate walking vicinity of Morehead Govt.Station

1. Eucalyptus-Melaleuca woodland with trees c. 70 feet tall. No significant shrub layer. Knee-high grass of coarse species(Eriachne-Aristida). Euc. polycarpa
2. Monsoon scrubs. Usually scattered within the above.
3. Open savannah woodland.Trees of Melaleuca,Acacia,Parinari,Terminalia,Alstonia etc openly scattered over waist-high grassland.
4. Heathy scrubland of mainly Sinoga(Agonis) and Banksia,with some low Melaleuca and Acacia. The community usually from 4 to 14 feet high.
5. Shallowly concave open sandplain-like areas covered with coarse grasses and sedges, and clumps of Nepenthes.These usually are of thin sand over heavy clay and are under several inches of water in the wet season.

* The area is referred to as part of the Oriomo Plateau.A good area of true rainforest occurs along the Morehead - Weam road.General altitude is c. 100 feet.
Aug. Sept. is probably the driest time for cross-country movement. From Morehead boat travel is excellent both up and down stream.
Rainforest within walking distance of Weam road; heath mainly to south.

Eucalypt - melaleuca "tall savannah woodland"
near Morehead Patrol Post. Papua.

1

L3425-6

Open grass - sedge plain bordered by low
melaleucas

c. 1 mile S. of Morehead

Trans-Fly

5 L3425-12 Papua.

Melaleuca tea bordering
open sandy grass - sedge
plain.

5

L3425-12

Low melaleuca between grass-sedge plains and tall Eucalypt/Melaleuca woodland.

Morehead.

Trans Fly

L3426-10 Papua.

Eucalypt — Melaleuca "tall savannah woodland" near Morehead PAPUA

Papua

L3425-6

1

Low heathy vegetation on sandy soil. Trees mainly melaleuca and acacia.

C. 1 mile S. of Morehead.

Trans-Fly. Papua

4 L3425-11